



NEW ZEALAND



EDICT OF GOVERNMENT



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AS-NZS 1841-2 (2007) (English): Portable fire extinguishers - Part 2 - Specific requirements for water type extinguishers [By Authority of New Zealand Hazardous Substances (Compressed Gases) Regulations 2004 (SR 2004/43)]

*We will sell to no man,
we will not deny or defer to any man either justice or right.*

Magna Carta—Tūtohunga Nui

*Kore rawa e hoko ki te tangata, e kore e whakakāhoretia,
e tautuku rānei te tangata ki te ture, tika ranei.*



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Australian/New Zealand Standard™

Portable fire extinguishers

Part 2: Specific requirements for water type extinguishers

1 SCOPE

This Standard specifies requirements for portable rechargeable fire extinguishers of the water type.

2 APPLICATION

Portable, rechargeable, water fire extinguishers shall comply with AS/NZS 1841.1 and the requirements of this Standard.

Where requirements differ, this Standard shall take precedence.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

1841 Portable fire extinguishers

1841.1 Part 1: General requirements

1850 Portable fire extinguishers—Classification, rating and performance testing

4 EXTINGUISHANT

Water, to which may be added corrosion inhibitors, freezing point depressants and wetting agents. Such additions shall not cause the solution to be corrosive, flammable, combustible or toxic.

5 ASSIGNED FIRE RATING

Extinguishers without additives having a capacity of 9 L or more may be deemed to have achieved a test fire rating of 2A in accordance with AS/NZS 1850, provided the discharge jet is maintained at an effective range of 6 m for a period of not less than 60 s and the required discharge takes place in not more than 120 s.

6 MARKING

In addition to the requirements of AS/NZS 1841.1, every water-type extinguisher shall be marked with the following:

- (a) Where an extinguisher is or is to be filled with potable water, or potable water to which additives may be added to combat local conditions, such as corrosion inhibitors or freezing point depressants, the word 'WATER'.

Where the manufacturer recommends the use of additives to combat local conditions, the manufacturer shall identify the additive on the label and on the service instructions.

- (b) Where an extinguisher is or is to be filled with water plus a performance enhancing additive, such as a wetting agent, then the words 'WATER WITH ADDITIVES'.
- (c) The size in terms of the volume of extinguishant, in litres.

This Australian/New Zealand Standard was prepared by Joint Technical Committee FP-003, Fire Extinguishers. It was approved on behalf of the Council of Standards Australia on 20 June 2007 and on behalf of the Council of Standards New Zealand on 6 July 2007 and published on 31 August 2007.

The following are represented on Committee FP-003:

Association of Accredited Certification Bodies
Australasian Fire Authorities Council
Australian Building Codes Board
Australian Competition and Consumer Commission
Certification Interests (Australia)
Fire Protection Association Australia
Fire Protection Association New Zealand
Institution of Fire Engineers
Insurance Council of New Zealand
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Originated in Australia in part as part of AS A31—1937.
Revised and designated AS 1841—1976 and AS 1842—1976.
Third edition 1985.
AS 1841—1985 and AS 1842—1985 revised, amalgamated and designated, in part, as AS 1841.2—1992.
Originated in New Zealand in part as NZSS 1243:1962.
Final New Zealand edition NZS 4506:1978.
AS 1841.2—1992 and part of NZS 4506:1978 jointly revised, amalgamated and designated AS/NZS 1841.2:1997.
Second edition 2007.

This Standard was issued in draft form for comment as DR 06678.

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Jointly published by Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and
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